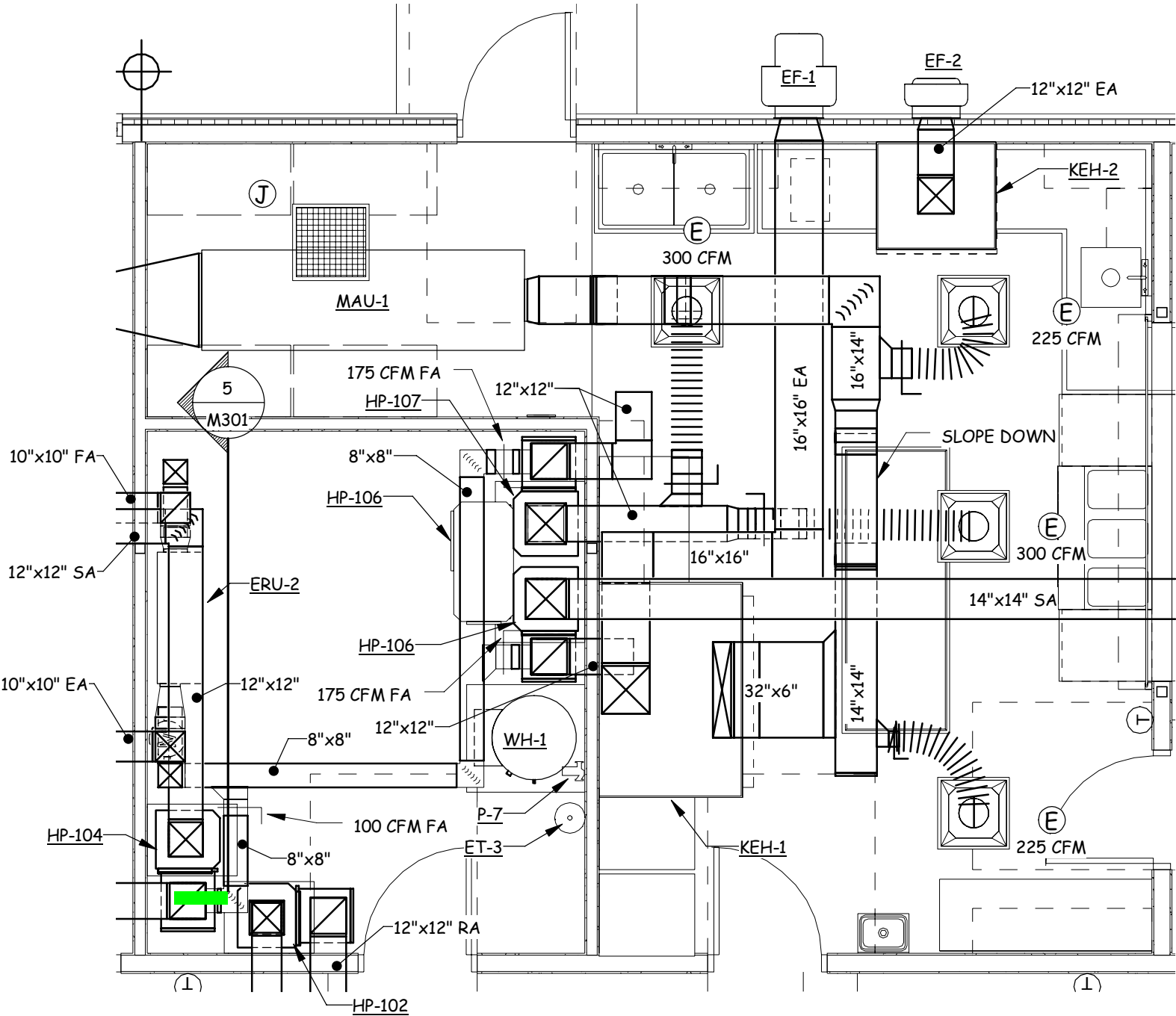


AIR TERMINAL SCHEDULE										
Tag	Manufacturer	Model	Function	Size			Finish	Frame	Mount	Notes
				Width	Height	Diameter				
A	Price Industries	80 Series		16"	16"	0"	WHITE	TYPE F	SURFACE	PROVIDE DAMPER
B	Price Industries	SPD	Supply Air	24"	24"	8"	WHITE	TYPE 31	SURFACE	PROVIDE DAMPER
C	Price Industries	SPD	Supply Air	24"	24"	10"	WHITE	TYPE 31	SURFACE	PROVIDE DAMPER
D	Price Industries	SPD	Supply Air	24"	24"	10"	WHITE	TYPE 31	LAY-IN-TILE	
E	Price Industries	SPD	Supply Air	24"	24"	10"	WHITE	TYPE 31	LAY-IN-TILE	
F	PRICE INDUSTRIES	SDS & SDA Series	Supply Air	2 1/4"	1/2"	0"	WHITE		SURFACE	1 SLOT, PROVIDE DAMPER
G	PRICE INDUSTRIES	SDS & SDA Series	Supply Air	2 1/4"	1/2"	0"	WHITE		LAY-IN-TILE	1 SLOT
H	PRICE INDUSTRIES	510	Supply Air	36"	4"		WHITE	TYPE 31	SURFACE	
J	Price Industries	81 Series	Return Air	24"	24"	0"	WHITE	TYPE TB	LAY-IN-TILE	
K	Price Industries	81 Series	Return Air	24"	24"	0"	WHITE	TYPE F	SURFACE	
L	Price Industries	80 Series	Return Air	16"	16"	0"	WHITE	TYPE TB	LAY-IN-TILE	

ENERGY RECOVERY UNIT SCHEDULE														
Mark	Manufacturer	Model	SUPPLY FAN			EXHAUST FAN			EFFECTIVENESS		Electrical			Notes
			CFM	E.S.P.	HP	CFM	E.S.P.	HP	SUMMER	WINTER	Voltage	Phase	Hz	
ERU-1	RENEW AIRE	HE1XNH	850 CFM	0.50 in-wg	0.75 hp	850 CFM	0.50 in-wg	0.75 hp	52%	64%	208 V	3	60 Hz	PROVIDE BACKDRAFT DAMPER
ERU-2	RENEW AIRE	EV450IN	450 CFM	0.65 in-wg	0.75 hp	450 CFM	0.50 in-wg	0 hp	56%	66%	208 V	3	60 Hz	PROVIDE BACKDRAFT DAMPER

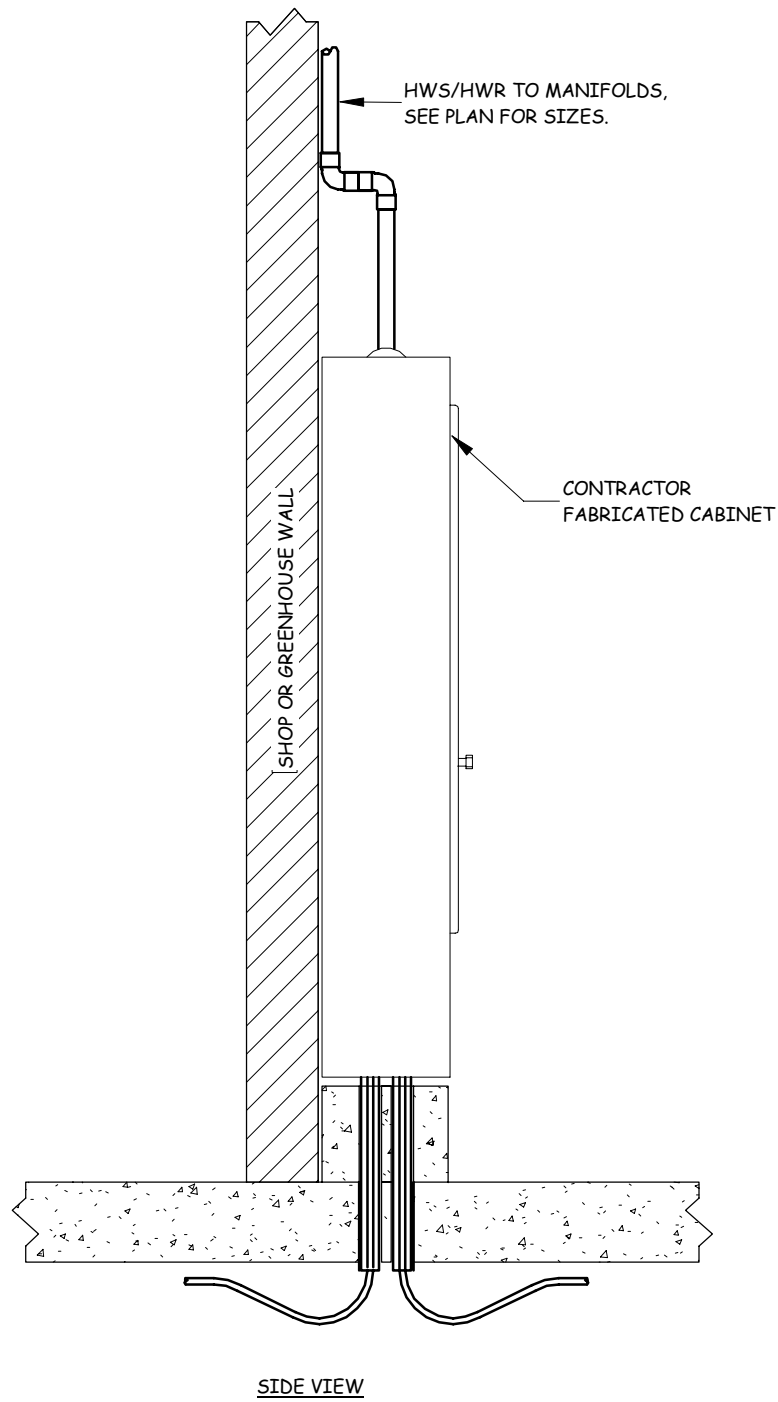
HEAT PUMP SCHEDULE																		
Mark	Manufacturer	Model	Size	Air Flow	ESP	Cooling		Heating		WATER SIDE				ELECTRICAL				Notes
						Total @ 67 WB	EWT	Total Heating	EWT	Fluid	Fluid Flow	Fluid PD	MCA	Volt	Ph	Hz		
HP-102	DAIKIN	W6SV	012	400 CFM	0.5 in-wg	13300.0 Btu/h	77 °F	10000.0 Btu/h	32 °F	30% P.G.	3.3 GPM	10.5 fH2O	9 A	208 V	1	60 Hz	2-STAGE	
HP-103	DAIKIN	W6TV	026	800 CFM	0.5 in-wg	27600.0 Btu/h	77 °F	18100.0 Btu/h	32 °F	30% P.G.	6.5 GPM	4.6 fH2O	18 A	208 V	1	60 Hz		
HP-104	DAIKIN	W6SV	012	400 CFM	0.5 in-wg	13300.0 Btu/h	77 °F	10000.0 Btu/h	32 °F	30% P.G.	3.3 GPM	10.5 fH2O	9 A	208 V	1	60 Hz		
HP-106	DAIKIN	W6SH	007	250 CFM	0.38 in-wg	8400.0 Btu/h	77 °F	6200.0 Btu/h	32 °F	30% P.G.	2.2 GPM	6 fH2O	5 A	208 V	1	60 Hz		
HP-107	DAIKIN	W6SV	019	600 CFM	0.5 in-wg	18700.0 Btu/h	77 °F	13800.0 Btu/h	32 °F	30% P.G.	4.4 GPM	8.7 fH2O	14 A	208 V	1	60 Hz		
HP-108	DAIKIN	W6SV	019	600 CFM	0.5 in-wg	18700.0 Btu/h	77 °F	13800.0 Btu/h	32 °F	30% P.G.	4.4 GPM	8.7 fH2O	14 A	208 V	1	60 Hz		
HP-109	DAIKIN	W6SV	019	600 CFM	0.5 in-wg	18700.0 Btu/h	77 °F	13800.0 Btu/h	32 °F	30% P.G.	4.4 GPM	8.7 fH2O	14 A	208 V	1	60 Hz		
HP-112	DAIKIN	W6SV	012	400 CFM	0.5 in-wg	13300.0 Btu/h	77 °F	10000.0 Btu/h	32 °F	30% P.G.	3.3 GPM	10.5 fH2O	9 A	208 V	1	60 Hz		
HP-114	DAIKIN	W6SH	007	250 CFM	0.38 in-wg	7800.0 Btu/h	77 °F	6200.0 Btu/h	32 °F	30% P.G.	1.8 GPM	6 fH2O	5 A	208 V	1	60 Hz		
HP-116	DAIKIN	W6SH	009	300 CFM	0.38 in-wg	10200.0 Btu/h	77 °F	7500.0 Btu/h	32 °F	30% P.G.	2.4 GPM	6.7 fH2O	6 A	208 V	1	60 Hz		
HP-117	DAIKIN	W6SH	009	300 CFM	0.38 in-wg	10200.0 Btu/h	77 °F	7500.0 Btu/h	32 °F	30% P.G.	2.4 GPM	6.7 fH2O	6 A	208 V	1	60 Hz		
HP-118	DAIKIN	W6TV	064	2000 CFM	0.5 in-wg	67100.0 Btu/h	77 °F	47000.0 Btu/h	32 °F	30% P.G.	16 GPM	11 fH2O	30 A	208 V	3	60 Hz	2-STAGE	
HP-119	DAIKIN	W6SH	009	300 CFM	0.38 in-wg	10200.0 Btu/h	77 °F	7500.0 Btu/h	32 °F	30% P.G.	2.4 GPM	6.7 fH2O	6 A	208 V	1	60 Hz		
HP-120	DAIKIN	W6SV	019	600 CFM	0.5 in-wg	18700.0 Btu/h	77 °F	13800.0 Btu/h	32 °F	30% P.G.	4.4 GPM	8.7 fH2O	14 A	208 V	1	60 Hz		
HP-122	DAIKIN	GEV120	120	4000 CFM	1 in-wg	123200.0 Btu/h	77 °F	98000.0 Btu/h	32 °F	30% P.G.	30 GPM	15.4 fH2O	47 A	208 V	3	60 Hz	2-STAGE	

Water to Water Heat Pump Schedule																			
MARK	MFR	MODEL	SIZE	PERFORMANCE				LOAD SIDE			SOURCE SIDE			ELECTRICAL				Comments	
				COOLING	EER	HEATING	COP	FLUID	FLOW	WPD	FLUID	FLOW	WPD	MCA	CKT	VOLT	PH		HZ
WHP-1	DAIKIN	WRA	036	32500.0 Btu/h	13	31200.0 Btu/h	2.9	30% P.G.	6 GPM	3 ft+2O	30% P.G.	9 GPM	5 ft+2O	13 A	20 A	208 V	3	60 HZ	8 gpm DESUPERHEATER



1
M400
1/4" = 1'-0"

MECH & KITCHEN AIR DISTRIBUTION PLAN



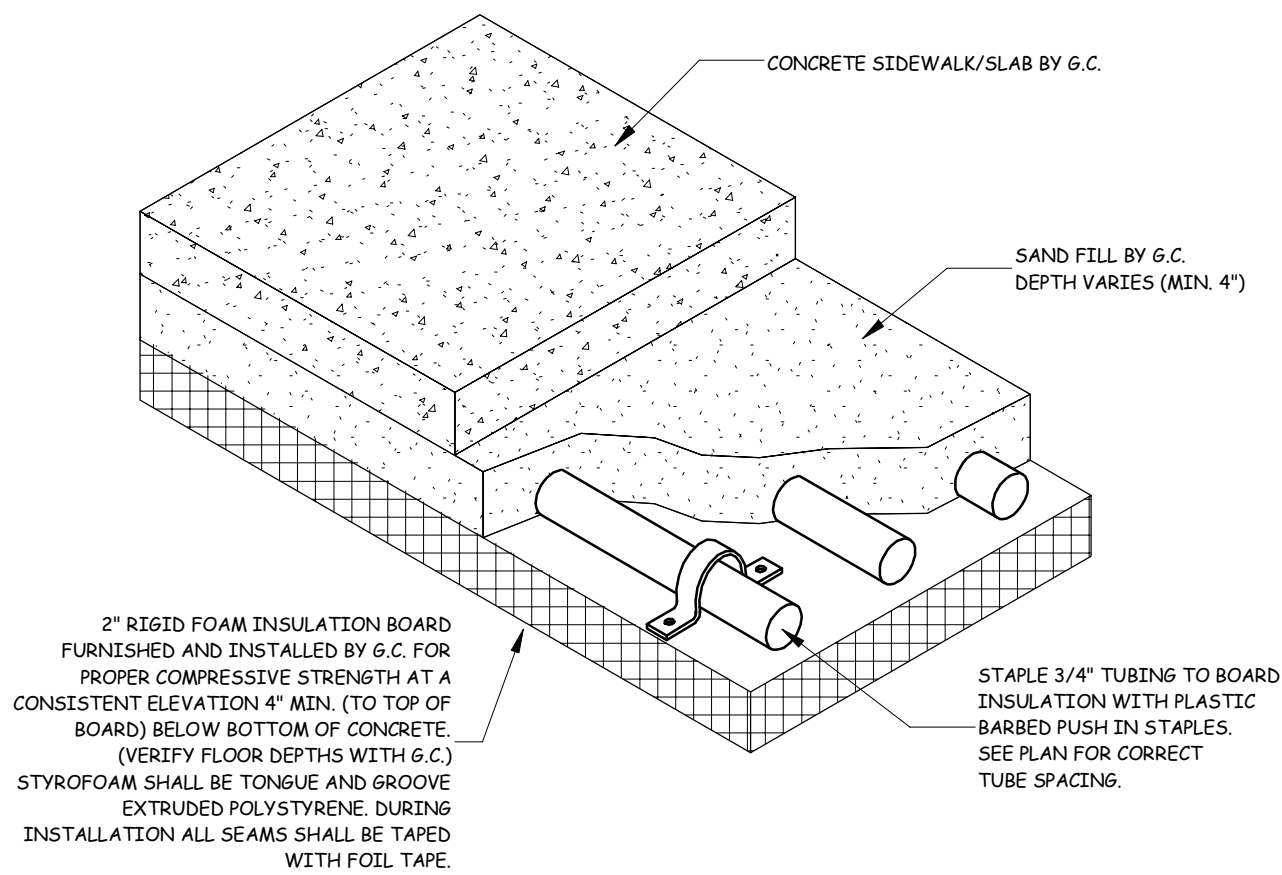
2
M400
NTS

FLOOR HEAT HEADER PIPING

PUMP SCHEDULE										
Mark	Manufacturer	MODEL	Type	GPM	FT of HD	MOTOR INFORMATION				NOTES
						HP	Volt	Ph	Hz	
P-1	TACO	2400-50	INLINE	27 GPM	30 fH2O	0.5 hp	120 V	1	60 Hz	
P-2	TACO	2400-50	INLINE	27 GPM	30 fH2O	0.5 hp	120 V	1	60 Hz	
P-3	TACO	2400-50	INLINE	27 GPM	30 fH2O	0.5 hp	120 V	1	60 Hz	
P-4	Taco	KV-1509	VERTICAL INLINE	100 GPM	60 fH2O	5 hp	208 V	3	60 Hz	HP LOOP
P-5	Taco	KV-1509	VERTICAL INLINE	100 GPM	60 fH2O	5 hp	208 V	3	60 Hz	HP LOOP
P-6	TACO	L1034	WET ROTOR	6 GPM	25 fH2O	0 hp	120 V	1	60 Hz	Floor loop
P-7	TACO	003-PNP	WET ROTOR	3 GPM	3 fH2O	0 hp	120 V	1	60 Hz	Domestic Recirc
P-8	TACO	0012-1FC	WET ROTOR	8 GPM	10 fH2O	0.25 hp	120 V	1	60 Hz	DESUPERHEATER PUMP

WATER HEATER SCHEDULE (ELECTRIC)								
Mark	Manufacturer	Model	Element KW	Tank Volume	Recovery	Electrical		
						Volt	Ph	Hz

UNIT HEATER - ELECTRIC									
MARK	MFR	MODEL	DISCHARGE	AIR FLOW	CAPACITY	ELECTRICAL			NOTE
						V	PH	HZ	
UHE-1	Modine	HER-75	Horizontal	530 CFM	7500 W	208 V	3	60 Hz	Line voltage stat
UHE-2	Modine	HER-75	Horizontal	530 CFM	7500 W	208 V	3	60 Hz	Line voltage stat



3
M400
1/8" = 1'-0"

FLOOR HEAT PIPING

